

Converting Colors

CIELCh(95, 11.827, 204.826)

Have a look what the booklet for
CIELCh(95, 11.827, 204.826)
contains.

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Color

CIELCh(95, 11.856, 206.215)

Conversions

Conversions Part 1

Format	Color
Hex	D4F7FA
RGB	212, 247, 250
RGB Percent	83%, 97%, 98%
CMY	0.1677, 0.0304, 0.0187
CMYK	0.15, 0.01, 0.00, 0.02
HSL	185°, 80%, 91%
HSV	185°, 15%, 98%
XYZ	77.8470, 87.6183, 103.4500
YIQ	236.8770, -21.8230, -6.4870

Conversions

Conversions Part 2

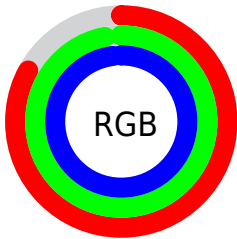
Format	Color
R _Y B	212, 230, 250
Decimal	13957114
CIE Lab	95.00, -10.64, -5.24
CIE LCh	95, 11.856, 206.215
Yxy	87.6183, 0.2895, 0.3258
Android (android.graphics.Color)	4292147194 (0xFFD4F7FA)
YUV	236.8770, 6.4696, -21.8171
Hunter-Lab	93.6047, -15.3574, -0.0029

Details

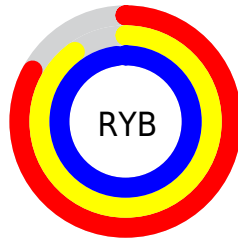
The CIELCh color **95, 11.856, 206.215** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 13.126, 27.065**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 11.950, 206.371** is the 20% darker color. If you saturate the color by 10%, you get **93, 19.018, 206.052**, and if you desaturate by 10%, it is **97, 4.161, 206.529**.

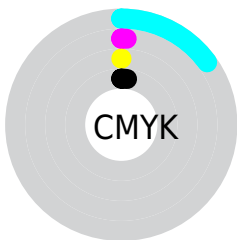
Distribution



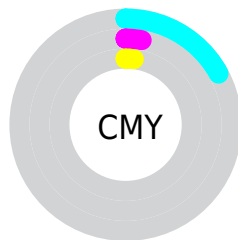
- Red (83%)
- Green (97%)
- Blue (98%)



- Red (83%)
- Yellow (90%)
- Blue (98%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)





- Cyan (17%)
- Magenta (3%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.856, 206.215 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 11.856, 206.215 by changing the saturation by 10% instead.


 95, 11.856,
206.215


 95, 11.856,
206.215


 100, 11.856,
206.215


 85, 11.856,
206.215

 75, 11.856,
206.215

 65, 11.856,
206.215

 55, 11.856,
206.215

 45, 11.856,
206.215

 35, 11.856,
206.215

 25, 11.856,

206.215

■ 15, 11.856,
206.215

■ 5, 11.856, 206.215

■ 95, 11.856,
206.215

■ 95, 11.856,
206.215

■ 93, 19.018,
206.052

■ 97, 4.161, 206.529

■ 91, 25.512,
206.019

■ 99, 1.415, 38.936

■ 99, 1.601, 86.277

■ 90, 31.204,
206.124

■ 100, 2.401,
109.966

■ 88, 35.970,
206.392

■ 87, 39.715,
206.852

■ 86, 42.387,
207.534

■ 85, 44.002,
208.465

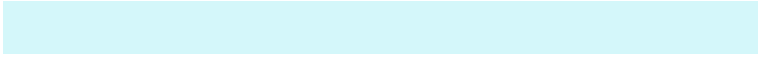
■ 84, 44.657,
209.666

■ 84, 44.746,
210.318

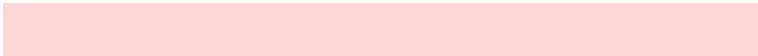
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95, 11.856, 206.215



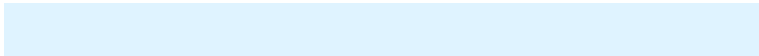
89, 13.126, 27.065

Rectangle

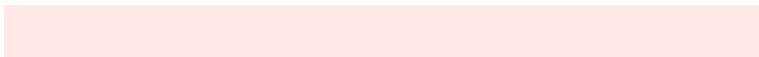
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



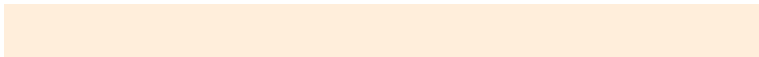
95, 11.856, 206.215



95, 11.856, 256.215



95, 11.856, 26.215



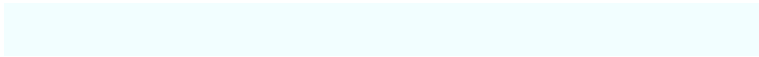
95, 11.856, 76.215

Sweetspot

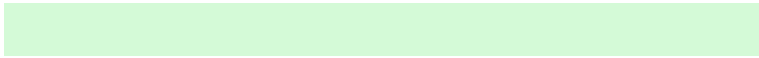
The Sweet Spot groups the original color and five complimentary colors.



95, 11.857, 206.206



99, 4.074, 206.539



95, 22.800, 145.329



53, 2.775, 206.501



0, 0.000, 0.000



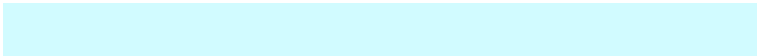
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 11.857, 206.206



96, 14.144, 206.150



90, 12.354, 264.457



51, 4.505, 206.354



65, 36.242, 210.055



21, 16.562, 208.166

Inverse Universe

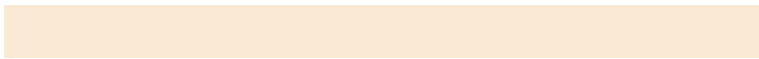
The Inverse Universe completely reimagines the original color for something new.



89, 22.641, 327.502



89, 27.272, 327.669



93, 12.642, 80.297



49, 8.441, 327.163



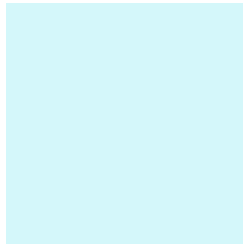
44, 86.620, 331.648



11, 39.498, 331.184

Previews

White Background



This preview shows how the CIE LCh color 95, 11.856, 206.215 looks on a white background.

Color Contrast Check

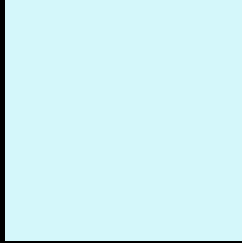
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 11.856, 206.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

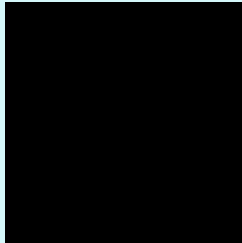
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

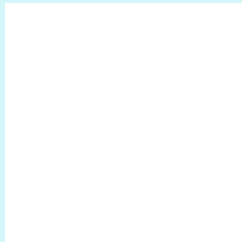
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 11.856, 206.215

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.856, 206.215.

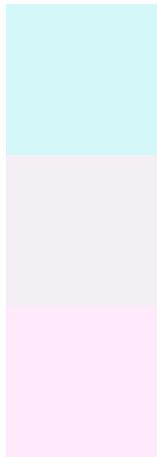


This preview shows how white text looks on a background with the CIELCh color 95, 11.856, 206.215.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

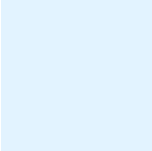
Dichromacy



Original Color
95, 11.856, 206.215

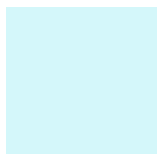
Protanopia
95, 3.413, 314.712

Deuteranopia
95, 11.486, 330.678

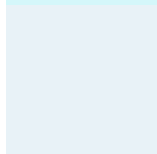


Tritanopia
95, 8.345, 246.963

Trichromacy



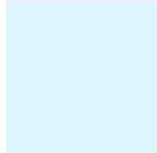
Original Color
95, 11.856, 206.215



Protanomaly
95, 4.275, 236.353



Deuteranomaly
95, 6.176, 290.668

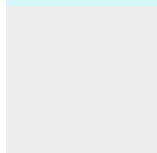


Tritanomaly
95, 9.017, 226.191

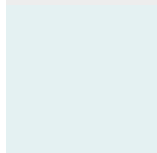
Monochromacy



Original Color
95, 11.856, 206.215



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 4.540, 205.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 11.856, 206.215 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(212, 247, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.856, 206.215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 247, 250) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 247, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(212, 247,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.856, 206.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 247, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
247, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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